



2018 RAI Core Course List



IOWA STATE
UNIVERSITY



THE UNIVERSITY
OF IOWA

Admission of freshmen to the Iowa Regent universities is based on the Regent Admission Index (RAI) formula described below. In addition, applicants must meet the minimum high school course requirements for the university they wish to enter. Because your school does not issue class rank, your RAI formula is:

- (3 x ACT composite score)
- + (30 x high school GPA)
- + (5 x number of high school core courses)

Regent Admission Index Score

Note: For purposes of calculating the RAI, SAT scores will be converted to ACT composite equivalents, 4.00 is the top value for GPA, and the number of high school core courses completed is expressed in terms of years or fractions of years (e.g., one semester equals 0.5 year). Applicants who do not possess all required factors will be evaluated on an individual basis by the Regent universities to which they apply.

Freshman applicants who achieve at least a 245 RAI score and who meet the minimum number of high school courses required by the Regent universities will qualify for automatic admission to any of the three Regent universities. Freshman applicants who achieve less than a 245 RAI score may also be admitted to a specific Regent university; however, each Regent university will review these applications on an individual basis and the admission decision will be specific to each institution.

AMES HIGH SCHOOL, AMES, CORE COURSES APPROVED FOR RAI

Source: 2017-2018 SRI Winter data. (Note: course numbers in parentheses refer to community college course numbers.)

English	CU*	Math	CU*	Science	CU*	Social Studies	CU*	World Languages	CU*
Adv English 09 Lit	0.5	Advanced Algebra 2	1	Advanced Biology	0.5	AP European History	1	French 1	1
Advanced English 10	1	Algebra 1	1	Advanced Chemistry	0.5	AP Macroeconomics	0.5	French 2	1
Advanced English 11	1	Algebra 2	1	Adv Env Sci	0.5	AP Microeconomics	0.5	French 3	1
Advanced English 12	1	AP Calculus AB	1	Advanced Physics	0.5	AP Psychology	1	French 4	1
Advanced Journalism	1	AP Statistics (ELP)	0.5	AP Biology	1	AP U.S. Government	0.5	German 1	1
AP English Lang & Comp	1	Geometry	1	AP Chemistry	1	AP U.S. History	1	German 2	1
AP English Lit & Comp	1	Pre-Calculus	1	AP Physics B	1	Economics	0.5	German 3	1
English 09 Literature	0.5	Sheltered Geometry	0.5	Foundations of Biology	1	Honors World Studies	1	German 4	1
English 09 Workshop	0.5	Statistics [MAT157]	0.5	Foundations of Chemistry	0.5	Non-Western World	0.5	Spanish 1	1
English 10	1			Foundations of Earth Sci	1	Sheltered U.S. History	1	Spanish 2	1
English 11	1			Foundations of Physics	0.5	Sociology	0.5	Spanish 3	1
English 12	1			Pre-AP Science 1 Earth	0.5	U.S. Government	0.5	Spanish 4	1
Hnrs English 09 Lit	0.5			Pre-AP Science 2 Biology	0.5	U.S. History	1		
Honors English 10	1			Pre-AP Sci 3 Chemistry	0.5	Western Civilization 1	0.5		
				Pre-AP Science 4 Physics	0.5	Western Civilization 2	0.5		
				Science of Earth Systems	1	World Issues	0.5		
				Science of Life Systems	1	World Studies	1		
				Sci of Physical Systems	1				
Total English		Total Math		Total Science		Total Social Studies		Total World Languages	

*The numbers in this column represent the Carnegie units awarded for each course. This number should be multiplied by 5 to determine the number of RAI points awarded for the course.